SERVICE MANUAL



AEP Model **UK Model** E Model

SPECIFICATIONS

Tumtable

Platter

30 cm (12 in.), aluminum-alloy diecast BSL (brushless and slotless) motor

Motor Drive system

Direct drive

Control system

Quartz lock servo control system

Speed

331/3 rpm, 45 rpm

0.03% (WRMS)*1

Wow and flutter

±0.035% (WRMS), ±0.045% (DIN)

Signal-to-noise ratio

75 dB (DIN-B)

Automatic system Lead-in, return, reject, repeat, arm up/down, record size selection

Tonearm

Linear tracking tonearm Type

Pivot-to-stylus length

Tracking error

Usable cartridge

75 mm (3 in.) ±0.1° Plug-in type, 6 g

Cartridge (XL-300G)

Type

Moving magnet type

Frequency response

20 Hz to 20 kHz

Channel separation

23 dB at 1 kHz

Output voltage

3.0 mV at 1 kHz, 5 cm/sec., 45°

Load impedance

50 to 100 kilohms

Tracking force

1~1.5 g Sony ND-300G

Stylus Weight

6 g

General

Weight

Power requirements

AEP model: 220 V ac, 50/60 Hz (240 V ac adjustable by authorized Sony personnel) UK model: 240 V ac, 50/60 Hz (220 V ac adjustable by authorized Sony personnel) E model: 110 - 120V or 220 - 240V ac

adjustable, 50/60 Hz

Power consumption

Dimensions

Approx. 355 × 90 × 360 mm (w/h/d)

 $(14 \times 3^{1}/2 \times 14^{1}/4 \text{ in.})$

including projecting parts and controls

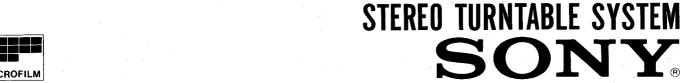
Approx. 4.5 kg (9 lb 15 oz), net

Approx. 6.1 kg (13 lb 7 oz), in shipping

*1 This new measuring method concerns only the turntable assembly, including the platter. It excludes wow and flutter caused by the tonearm, the cartridge, or the record. Measured by obtaining signal from magnetic pick-up head.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK M ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.



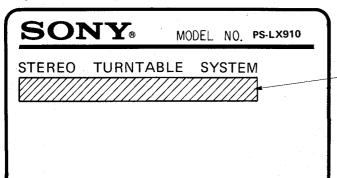




PS-LX910

MODEL IDETIFICATION

- Specification Label -

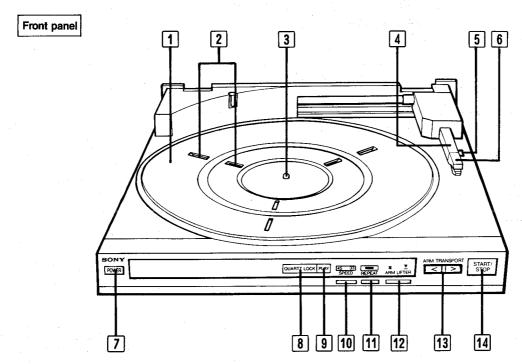


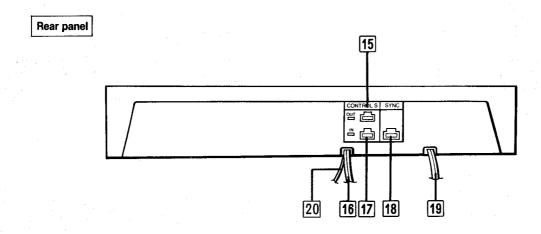
AEP : AC: 220 V \sim 50/60 Hz 10W

UK : 240 V $\sim 50/60~\text{Hz}~10~\text{W}$

E : AC: 110 - 120V, $220 - 240 V \sim 50/60 Hz$ 10 W

LOCATION AND FUNCTION OF CONTROLS





Each number is keyed to the descriptive text in "FUNCTION OF CONTROLS".

Each number in the text is keyed to that of the illustration on page 2.

FRONT PANEL

- 1 Rubber mat
- 2 Auto-record-size selection holes and lamp See "AUTO-RECORD-SIZE SELECTION SYSTEM" on page 9.
- 3 Center spindle
- 4 Tonearm
- 5 Cartridge locking screw
- 6 Cartidge
- 7 POWER switch

8 QUARTZ LOCK indicator

The indicator illuminates when the turntable rotation is locked to the nominal speed by the quartz lock control system. The indicator goes out when the turntable rotation is out of the nominal speed.

9 START indicator

The indicator lights up when play starts.

10 SPEED selector and indicators

Selects the speed of the record. When the POWER switch is turned on, the speed is always 33-1/3 rpm and the indicator on the right illuminates. Press this button to play a 45 rpm record. The indicator on the left lights up.

11 REPEAT button and indicator

Press this button to repeat play. The indicator lights up. To cancel the repeat play, press it again.

12 ARM LIFTER button

Press this button to lift and lower the tonearm. When the tonearm is on the arm rest position, it cannot be lifted up with this button.

13 ARM TRANSPORT button

Press this button to move the tonearm inwards or outwards.

14 START/STOP button

Press this button to start the record playing. To stop during play, press it again.

REAR PANEL

15 CONTROL SOUT connector (4-pin)

Connect to the CONTROLS IN or REMOTE IN connector of other Sony audio equipment for remote control of the total audio system.

16 Phono cord

17 CONTROL S IN connector (4-pin)

Connect to the CONTROL S OUT or REMOTE OUT connector of other Sony audio equipments with the supplied flat 4-pin remote control cord for remote control of the total audio system.

18 SYNC connector (3-pin)

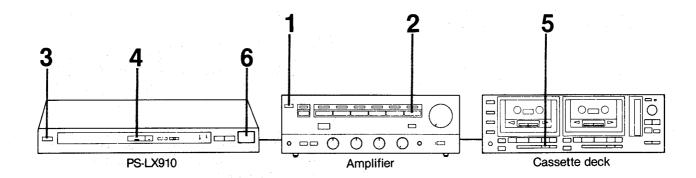
Connect to synchro connector of the Sony cassette deck for synchronized recording with the supplied synchro connecting cord (3-pin).

19 Power cord

20 Grounding cord

SYNCHRONIZED PLAY OF THE TURNTABLE AND A CASSETTE DECK

This function is convenient for making original music tape by changing the order of music in a record or by selecting your favorite music from several records. Cassette decks which can be used with your turntable system for this special synchronized operation are those Sony models which are equipped with a 3-pin synchro remote control connector.



- 1 Press the POWER switch of the amplifier.
- 2 Set the input selector of the amplifier to PHONO.
- 3 Press the POWER switch of the turntable system.
- 4 Set the SPEED selector according to the record to be played and place the record on the platter.
- **5** Adjust the recording level of the tape deck and set it in the record stand-by mode.
- 6 To record music from the beginning of a record, press the START/STOP button.
 To record music in the middle of a record, move the tonearm on the desired music, and press the START/STOP button.

When the tonearm comes down on a record, the recording pause mode of the deck is released and the recording starts.

To stop recording

Press the START/STOP button.

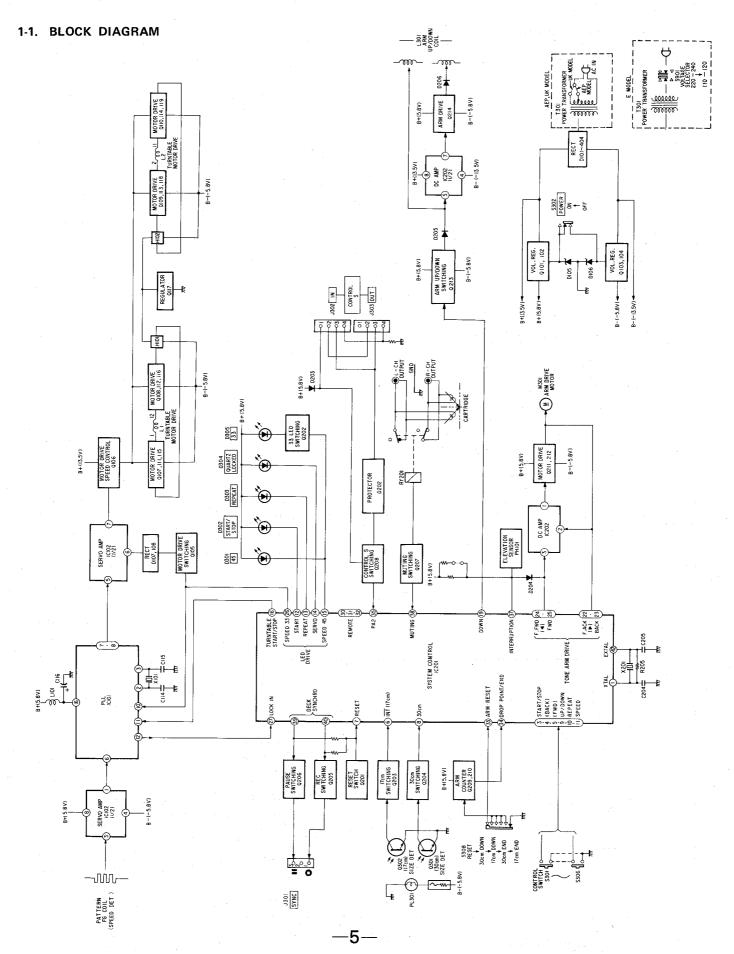
To lift up the tonearm to move to a different point on a record

Press the ARM TRANSPORT button.

Notes

- When the PS-LX910 is not in use, be sure to set the POWER switch to OFF (Д).
- To carry out synchronized recording, be sure to connect both the synchro remote control cord and audio cord. If not, synchro operation is not possible.
- When synchronized recording is not required, be sure to disconnect the synchro remote control cord.

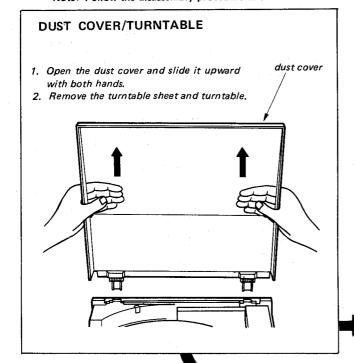
SECTION 1 OUTLINE

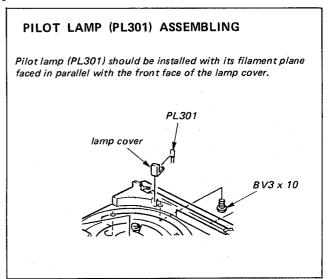


SECTION 2 DISASSEMBLY

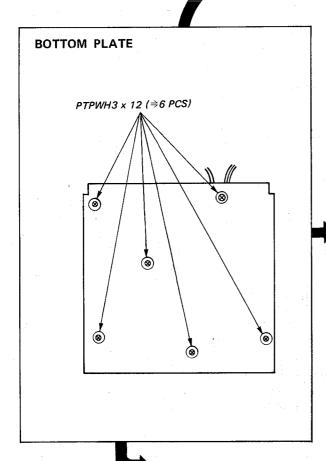
2-1. REMOVAL

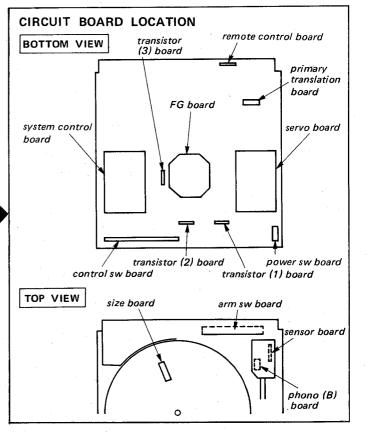
Note: Follow the disassembly procedure in the mumerical order given.

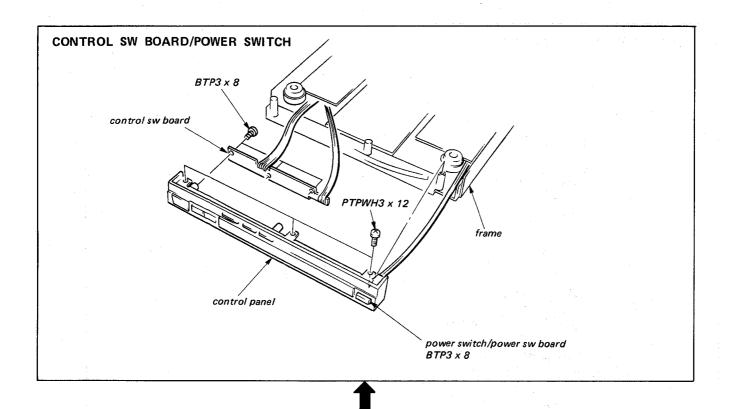


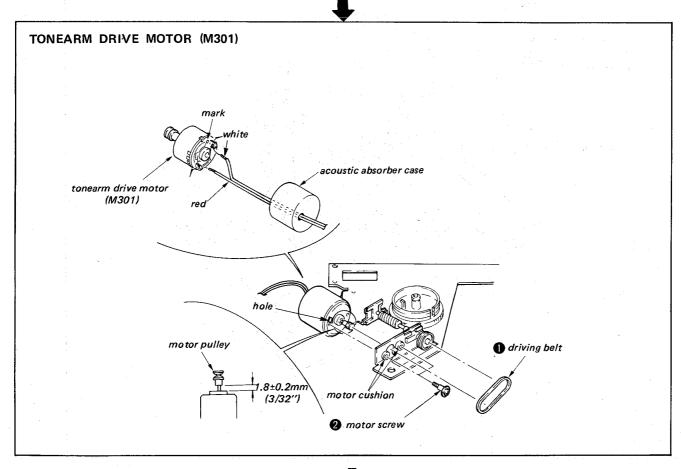


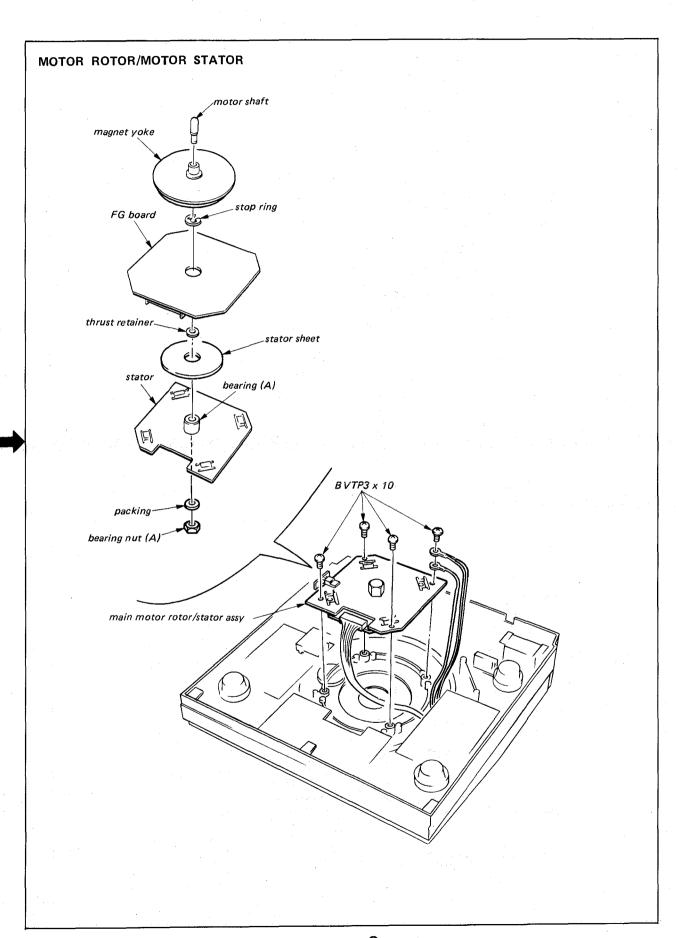
TO PAGE 9.



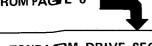


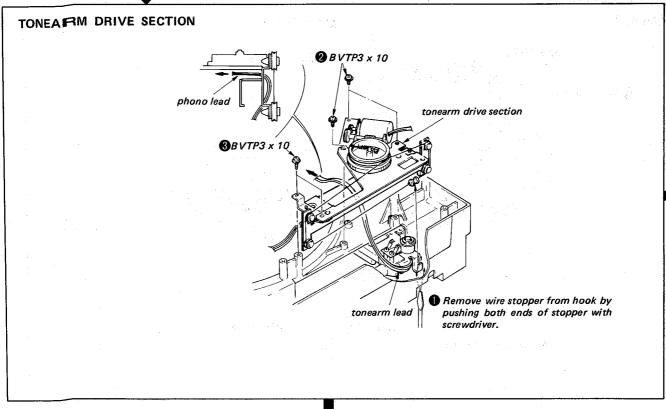


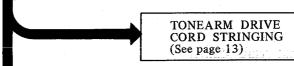


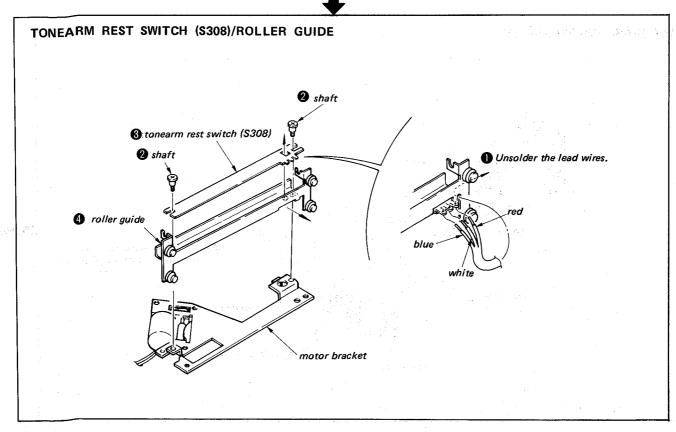


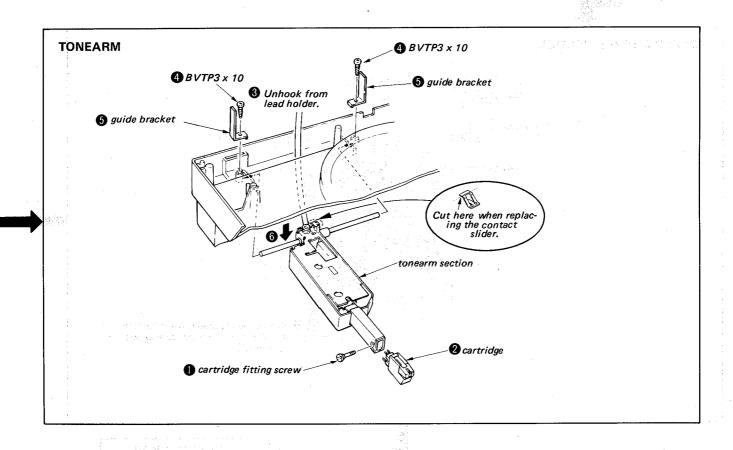
FROM PAGE 6





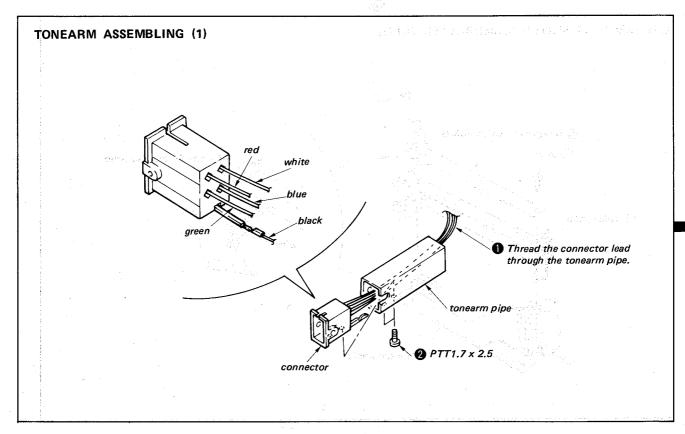


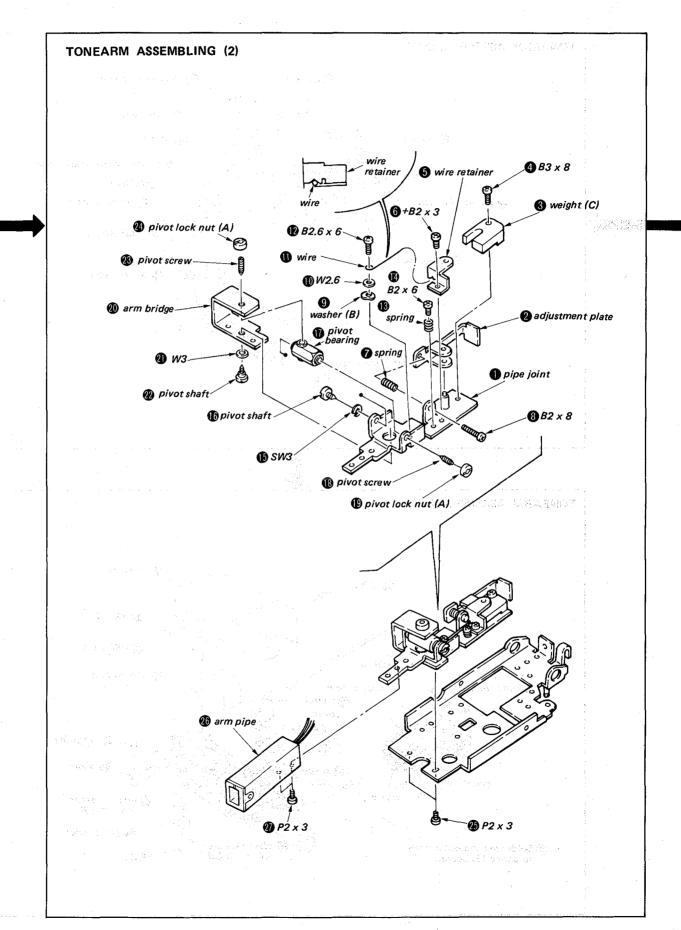


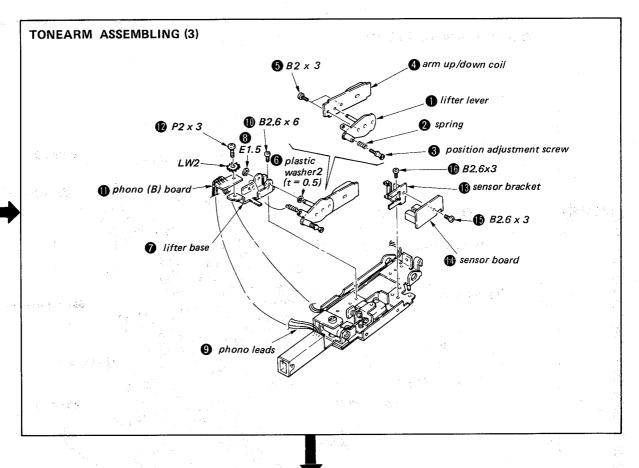


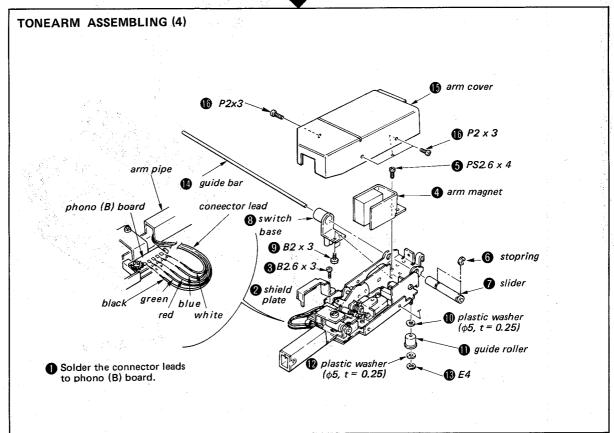
(To 00

2-2. TONEARM ASSEMBLING









2-2. TONEARM DRIVE CORD STRINGING

eyelet 2x3

Apply suitable locking compound here.

390 - 410mm ∟(15 3/8−16 1/8 inches) 🕳

M Hook the spring.

Apply suitable locking compound here.

-13-

wire stopper

Apply suitable locking

Cord (0.5mm dia)

compound here.

740 - 742mm (29 1/8-29 7/32 inches)

with a tention of 550g (1/b3.4oz)

Apply suitable locking

compound here.

(1) Preparation

(2) Stringing

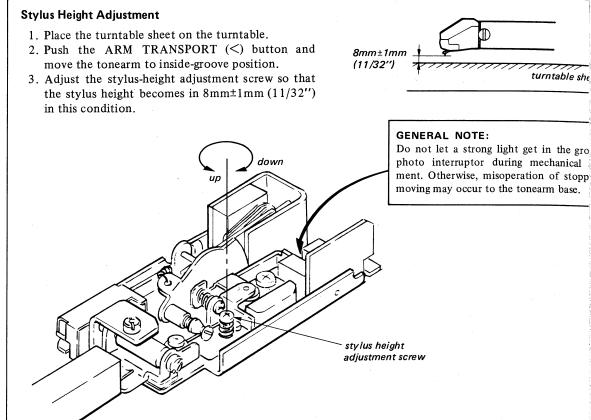
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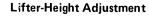
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2

SECTION 3 **ADJUSTMENTS**

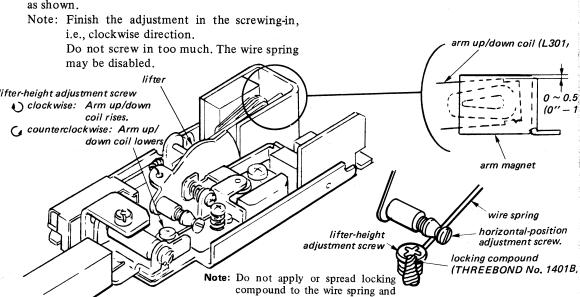
3-1. MECHANICAL ADJUSTMENTS

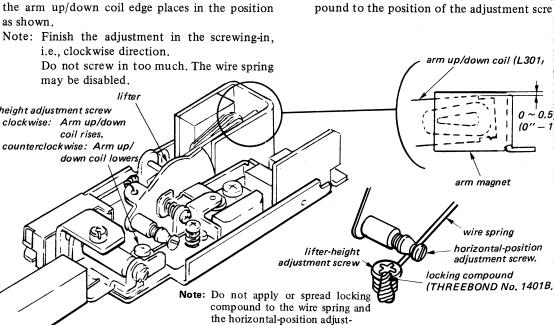




NOTE: Perform this adjustment after the Stylus-Height Adjustment and before the Tracking-Error Adjustment.

1. Adjust the lifter-height adjustment screw so that the arm up/down coil edge places in the position





2. Unscrew the adjustment screw in 1/8 turns.

This unscrewing is to remove deforms in th

spring made in step 1. Do not unscrew too

3. After the adjustment, apply suitable locking





ment screw.

-14-

SECTION 3 ADJUSTMENTS

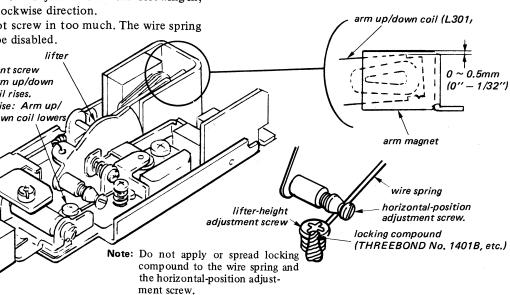
L ADJUSTMENTS

matable sheet on the turntable. ARM TRANSPORT (<) button and mearm to inside-groove position. stylus-height adjustment screw so that eight becomes in 8mm±1mm (11/32") tion. GENERAL NOTE: Do not let a strong light get in the groove of photo interruptor during mechanical adjustment. Otherwise, misoperation of stoppage or moving may occur to the tonearm base. stylus height adjustment screw

justment

- n this adjustment after the Stylus-Adjustment and before the Tracking-Adjustment.
- fter-height adjustment screw so that lown coil edge places in the position
- the adjustment in the screwing-in, ockwise direction.
- 2. Unscrew the adjustment screw in 1/8 turns.

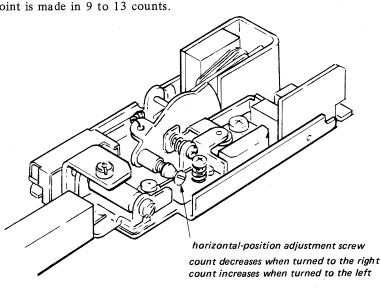
 This unscrewing is to remove deforms in the wire spring made in step 1. Do not unscrew too much.
- 3. After the adjustment, apply suitable locking compound to the position of the adjustment screw.



Drop Point (30 cm) Adjustment

NOTE: Perform this adjustment after the Lifter-Height Adjustment and before the Tracking-Error Adjustment.

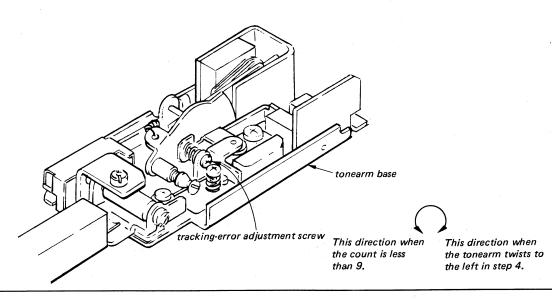
- 1. Put the Test Record (YFSC-16) on the turntable sheet.
- 2. Push the START/STOP button.
- 3. Adjust the horizontal-position adjustment screw so that the drop point is made in 9 to 13 counts.



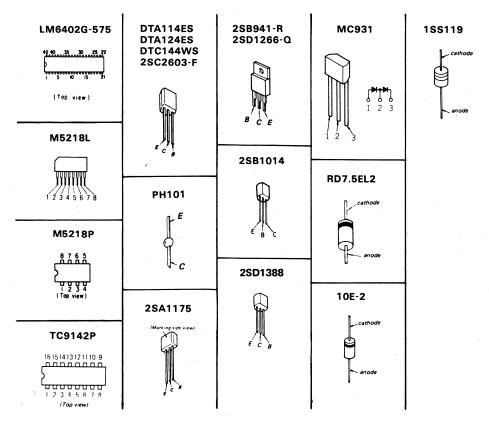
Tracking Error Adjustment

Note: Perform this adjustment after the Drop-Point (30 cm) Adjustment.

- (1) Place a test record (YFSC-16) on the turntable and press the START/STOP button for lead-in.
- (2) Adjust with the adjustment screw so that the tonearm base does not move just after the tonearm goes down.
- (3) Press START/STOP button for stop. Press START/STOP button to let the tonearm lead in, and then go UP (▼ button) after the tonearm base moves.
- (4) Check the count at this time, and then check that the difference in count when the tonearm goes down again is within 5 counts.

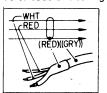


Semiconductor Lead Layouts



| Ref. No. | Location | Ref. No. | Location |
|---|---|--|--|
| D101 D102 D103 D104 D105 D106 D107 D108 D201 D202 D203 D204 D205 D206 D303 D304 D305 IC101 IC202 PH101 Q101 Q101 Q103 Q104 Q105 | E-13 E-12 E-13 E-14 E-14 G-14 G-14 D-4 E-4 E-2 E-2 C-3 I-7 I-6 I-8 I-6 G-13 F-13 F-13 F-13 F-13 F-13 F-14 G-14 | Q106 Q107 Q108 Q110 Q111 Q111 Q112 Q113 Q114 Q115 Q116 Q117 Q118 Q119 Q201 Q203 Q204 Q205 Q203 Q204 Q205 Q203 Q204 Q205 Q207 Q208 Q209 Q210 Q211 Q212 Q213 Q214 Q301 Q301 Q301 Q302 | F-6 F-12 G-12 F-12 G-12 F-12 G-12 F-12 G-12 F-12 F-12 F-12 F-12 F-12 F-12 F-12 F |

• Color code of sleeving over the end of the jacket.



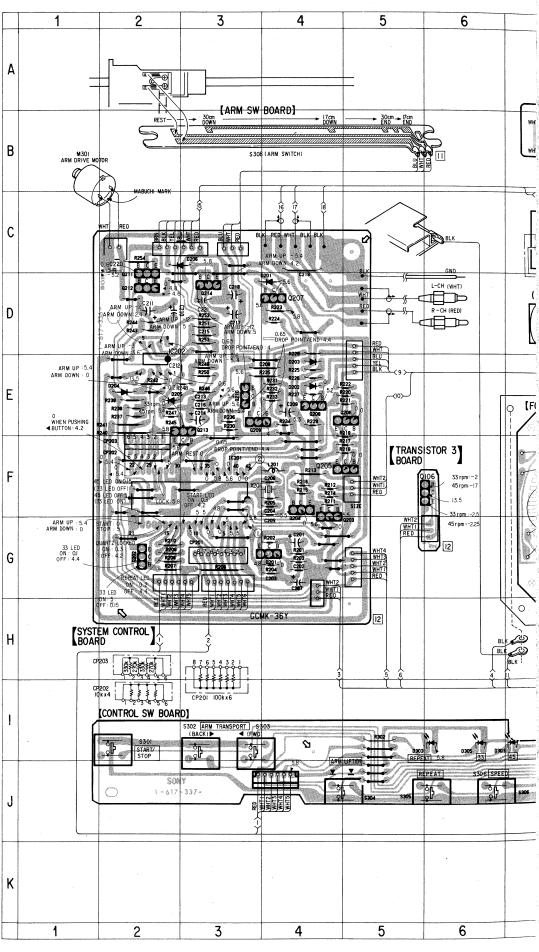
- o- : parts extracted from the component side.
- - : parts extracted from the conductor side.

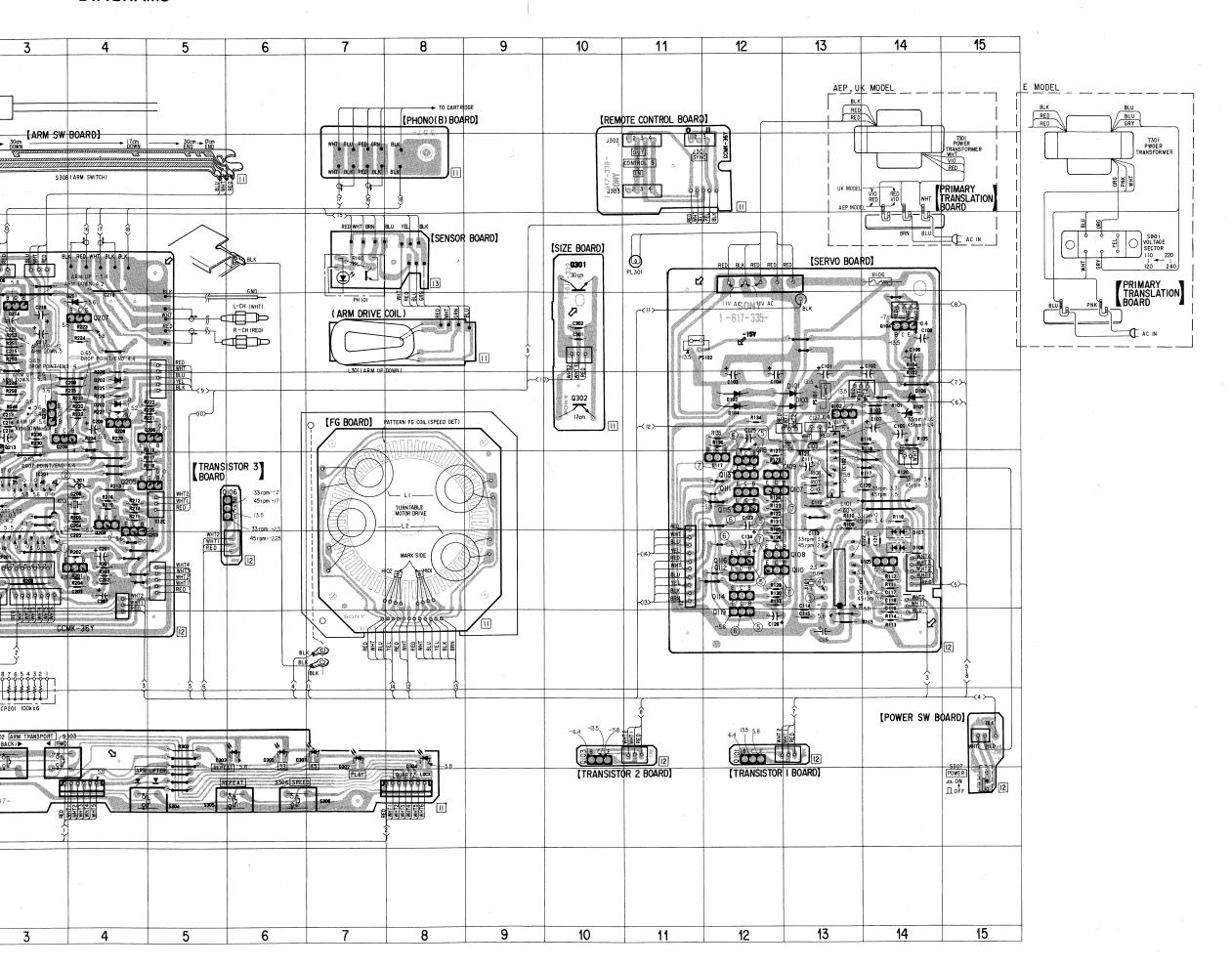
—16—

SECTION 4 DIAGRAMS

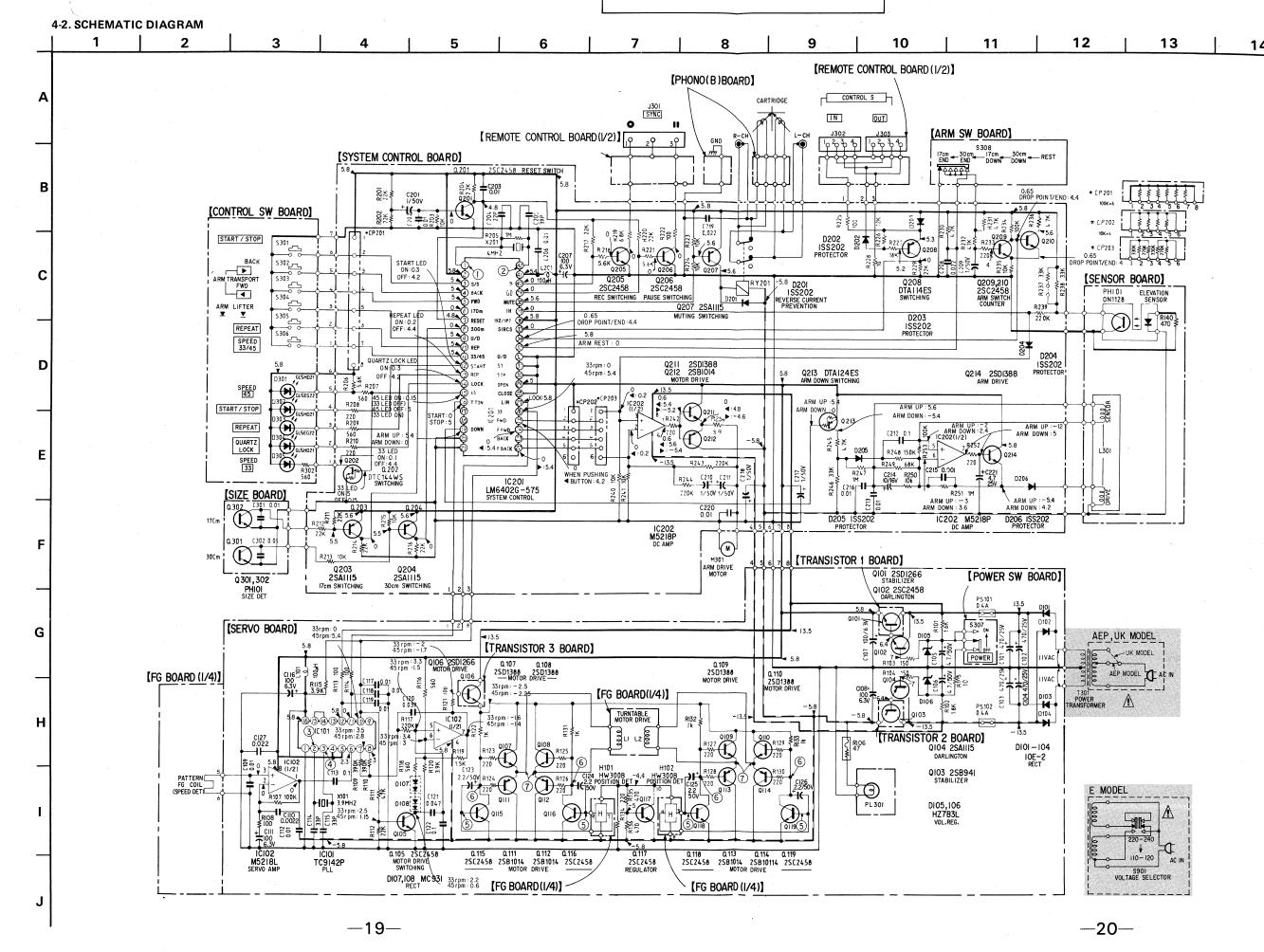
4-1. MOUNTING DIAGRAM

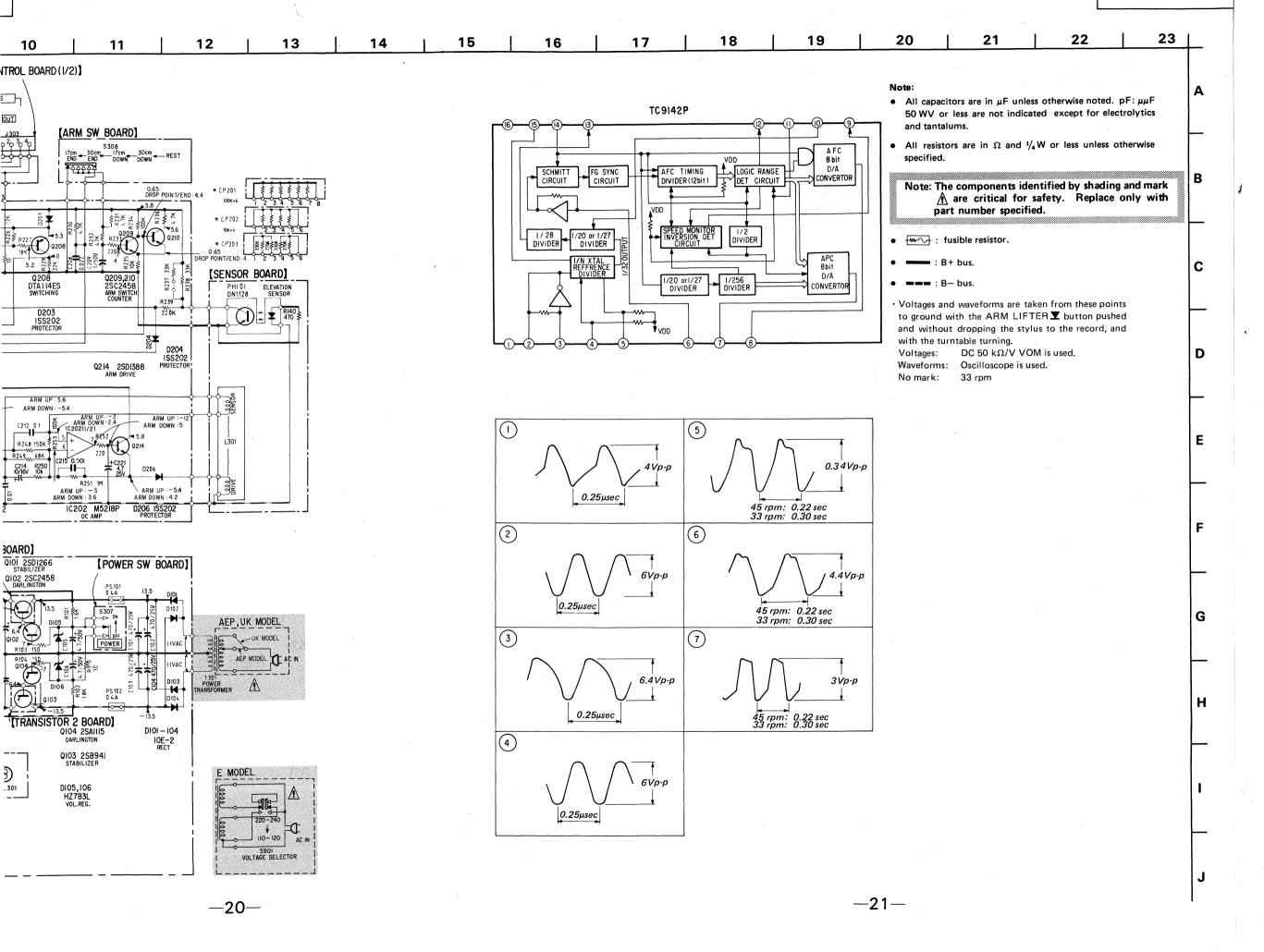
- Conductor Side -

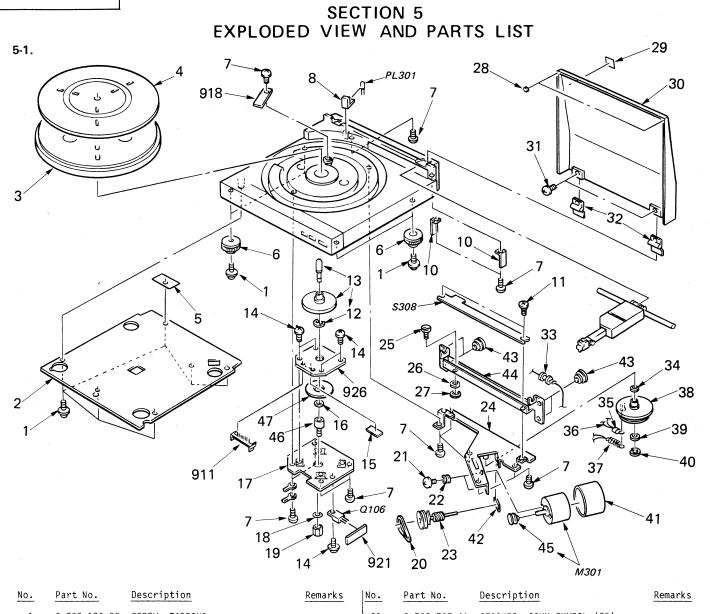




PS-LX910 PS-LX910





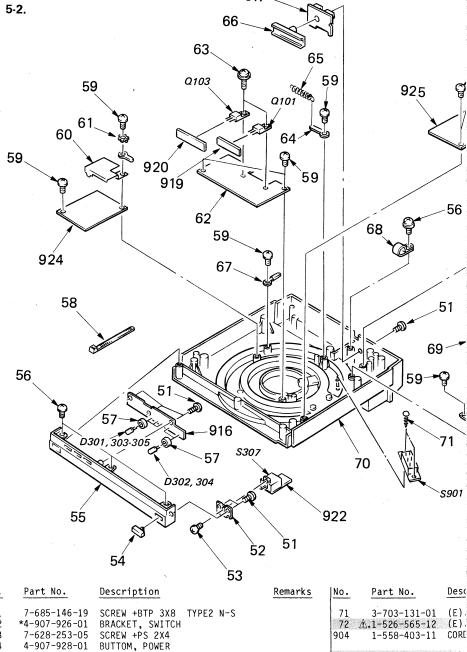


| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-------------|---------------|--|---------|----------------|--------------------------------|---|---------|
| 1 2 3 | | SCREW, TAPPING BOARD, BOTTOM TURNTABLE | | 29 30 31 | X-4908-105-3 | STICKER, SONY SYMBOL (30) COVER ASSY, DUST SCREW, S TIGHT, +PTTWH 3X6 | |
| 4 | 4-883-723-01 | | | 32 | 4-908-107-01 | | |
| 5 | 9-911-863-XX | RETAINER, CORD | | 33 | | STOPPER, WIRE | |
| c | V 4002 201 1 | INCH ATOR ACCV | | 34 | 3-701-441-21 | WASHER | |
| 6 7 | 7-685-647-71 | INSULATOR ASSY SCREW +BVTP 3X10 TYPE2 SLIT | | 35 | 7-623-616-01 | EVELET 2Y3 | |
| . 8 | 4-908-110-01 | | | 36 | 7-633-120-45 | STRING, TETRON DIAL (0.5MM) | |
| 10 | | RETAINER, GUIDE BAR | | 37 | 4-885-767-00 | SPRING, TENSION | |
| 11 | *3-465-048-00 | | | 38 | 4-885-749-00 | | |
| 12 | 7-624-133-24 | STOP RING 7, TYPE-CE | | 39 | 3-701-441-01 | | |
| 13 | A-4608-318-A | DOTOR ACCV | | 40 | | STOP RING 3.0, TYPE -E CASE, ACOUSTIC ABSORBER | |
| 14 | 7-685-871-01 | | | 41 | ^4-862-233-00 | CASE, ACOUSTIC ADSORDER | |
| 15 | | CUSHION (25X15X0.3) | | 42 | 4-885-703-00 | GUIDE, WORM SHAFT | |
| 16 | | RETAINER, THRUST | | 43 | X-4908-103-1 | | |
| 17 | *4-887-472-01 | STATOR | | 44 | | PLATE, GUIDE, ROLLER | |
| 1.0 | 4 005 700 00 | DACKTNO | | 45 | | PULLEY, MOTOR | |
| 18 19 | 4-885-728-00 | PACKING NUT (A), BEARING | | 46 | *4-912-012-01 *4-913-314-01 | | |
| 20 | | BELT (ARM DRIVING P25), DRIVING | | 47 | ^4-915-514-01 | SHEET, STATUR | |
| 21 | 3-570-027-00 | | • | 911 | *1-564-527-11 | PLUG, CONNECTOR 12P | |
| 22 | 3-570-118-00 | | | 918 | | PC BOARD, SIZE | |
| 23 | X-4885-710-0 | WORM ASSY | | 921 | | PC BOARD, TRANSISTOR 3 | |
| 24 | *V-4000-104-1 | BRACKET (A) ASSY, MOTOR | | 926 | A-4644-24/-A | PC BOARD ASSY | |
| 25 | 4-885-748-00 | | | M301 | A-4608-291-A | MOTOR ASSY | |
| 26 | 4-885-747-00 | . , | | PL301 | | | |
| 27 | 7-624-190-81 | | | \$308 | 1-554-817-11 | | |
| 28 | 4-885-183-00 | CUSHION (D) | | | | | |

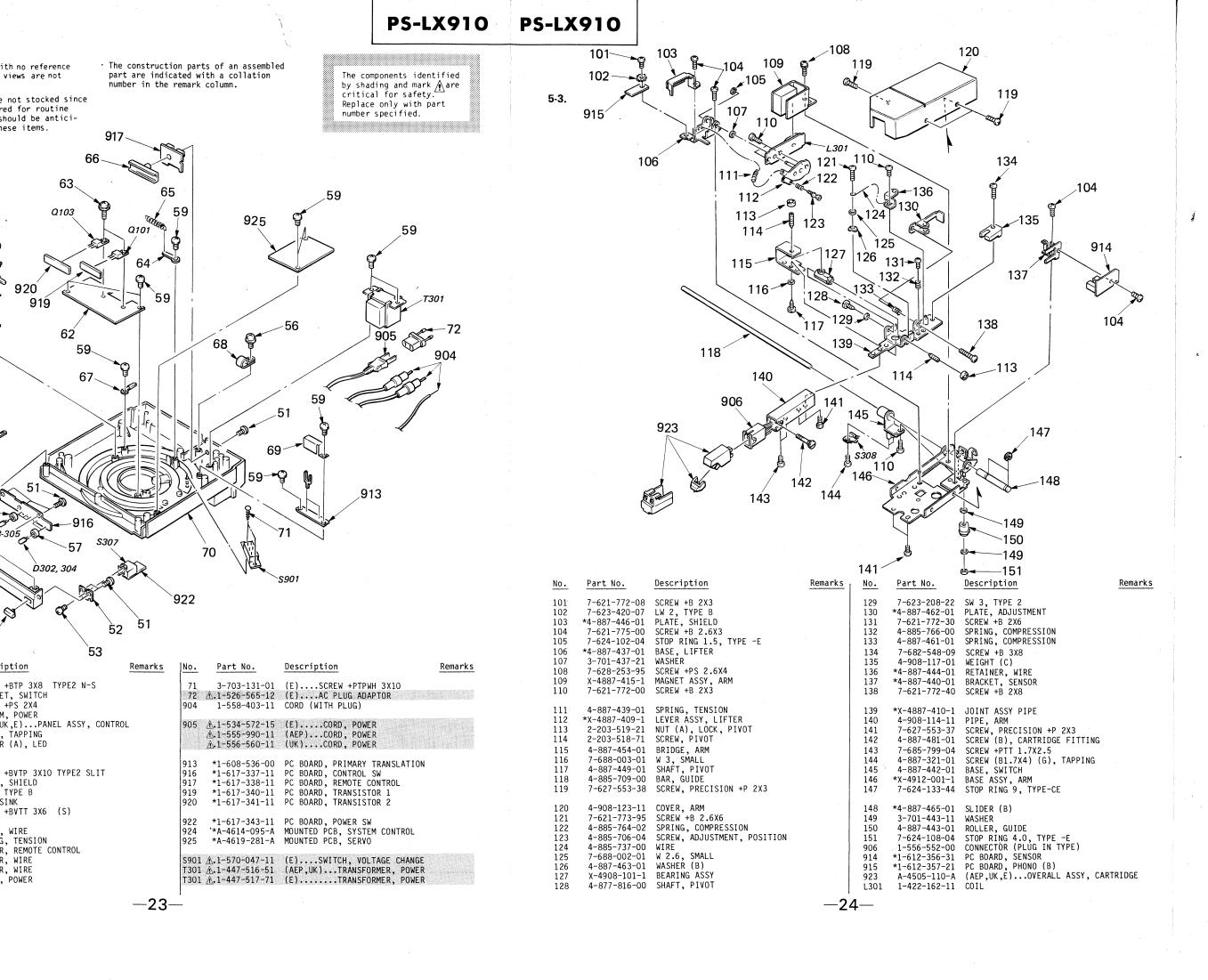
NOTE:
The mechanical parts with no reference number in the exploded views are not supplied.

 The construction parts of an assembled part are indicated with a collation number in the remark column.

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.



| | | | 1 | | |
|----|---------------|-------------------------------|------|--|-----------|
| 51 | 7-685-146-19 | SCREW +BTP 3X8 TYPE2 N-S | 71 | 3-703-131-01 | (E) |
| 52 | *4-907-926-01 | BRACKET, SWITCH | 72 | △.1-526-565-12 | (E). |
| 53 | 7-628-253-05 | SCREW +PS 2X4 | 904 | 1-558-403-11 | CORE |
| 54 | 4-907-928-01 | BUTTOM, POWER | | | |
| 55 | X-4912-003-6 | (AEP,UK,E)PANEL ASSY, CONTROL | 905 | △.1-534-572-15 | (E). |
| 56 | 3-703-136-00 | SCREW, TAPPING | | 1-555-990-11 | (AEF |
| 57 | *4-901-657-00 | SPACER (A), LED | | <u> </u> | (UK) |
| 58 | *3-701-748-00 | CLAMP | 913 | *1-608-536-00 | PC E |
| 59 | 7-685-647-71 | | 916 | *1-617-337-11 | PC E |
| 60 | *4-912-008-01 | | 917 | *1-617-338-11 | PC E |
| | 7-623-422-07 | | 919 | *1-617-340-11 | PC E |
| 62 | *4-912-006-01 | | 920 | *1-617-341-11 | PC E |
| 63 | 7-685-871-01 | SCREW +BVTT 3X6 (S) | | | |
| | | | 922 | *1-617-343-11 | PC E |
| 64 | 3-460-077-00 | CLAMP, WIRE | 924 | '*A-4614-095-A | MOUN |
| 65 | 4-885-789-00 | SPRING, TENSION | 925 | *A-4619-281-A | MOUN |
| 66 | *4-912-013-01 | HOLDER, REMOTE CONTROL | | | emberer . |
| 67 | *3-701-822-00 | HOLDER, WIRE | S901 | 1-570-047-11 1.00 € 1.0 | (E). |
| 68 | *3-001-707-01 | HOLDER, WIRE | | 1.1-447-516-51 | (AEF |
| 69 | *4-885-798-00 | | T301 | 1-447-517-71 | (E). |
| 70 | *4-912-019-01 | FRAME | | | |
| | | 2.2 | | | |



SECTION 6 ELECTRICAL PARTS LIST

NOTE:

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be antici-pated when ordering these items.
- · If there are two or more same circuitsin a there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS: MF:μF, PF:μμF.

RESISTORS

· All resistors are in ohms. · F: nonflammable

COILS · MMH : mH, UH : μΗ

SEMICONDUCTORS

In each case, U : μ, for example: UA...: μA..., UPA...: μPA..., UPC...: μPC, UPD...: μPD...

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

ELECTRICAL PARTS

ELECTRICAL PARTS

| | EEEOTKIONE TYNKIO | | | | | | ELECTRISTIC TRACTO | | | | |
|--------------------------|--|---|-----------------------------|-------------------|--|------------------------------|--|------------------------------|------------------------------|-------------------|----------------------|
| Ref.No. | Part No. | Description | | | | Ref.No. | Part No. | Description | | | • |
| 901 902 903 904 | *1-508-802-00 *1-508-878-00 *1-508-880-00 1-558-403-11 | BASE POST U T BASE POST 3P BASE POST, MC CORD (WITH PL | D CONNECTOR | R 6P | | C119 C120 C121 | 1-162-306-31 1-136-160-00 1-136-161-00 | FILM FILM | 0.01MF 0.039MF 0.047MF | 30% 5% 5% | 16 V 50 V 50 V |
| | <u>^</u> .1-534-572-15 <u>^</u> .1-555-990-11 <u>^</u> .1-556-560-11 | (E)CORD, (AEP)CORD, (UK)CORD, | POWER | | | C122 C123 C124 | 1-136-165-00 1-123-612-00 1-123-612-00 | ELECT | 0.1MF 2.2MF 2.2MF | 5% 20% 20% | 50V 50V 50V |
| 906 907 908 | SINCERNAL PROPERTY OF THE STREET | CONNECTOR (PL PIN, CONNECTO | UG IN TYPE) R 6P | | en de la | C125 C126 C127 | 1-123-612-00 1-123-612-00 1-162-596-00 | ELECT | 2.2MF 2.2MF 0.022MF | 20% 20% | 50V 50V 25V |
| 909 910 911 | *1-564-336-00 *1-560-200-00 *1-564-527-11 | PIN, CONNECTO BASE POST, MC | R 2P D CONNECTOR | R 2P | | C201 C202 C203 | 1-123-611-00 1-162-306-31 1-162-306-31 | CERAMIC | 1MF 0.01MF 0.01MF | 20% 30% 30% | 50V 16V 16V |
| 913 914 915 | *1-608-536-00 | | MARY TRANSL SOR | ATION | | C204 C205 C206 | 1-162-207-31 1-162-213-31 1-162-306-31 | CERAMIC | 22PF 39PF 0.01MF | 5% 5% 30% | 50V 50V 16V |
| 916 917 918 | *1-617-337-11 *1-617-338-11 *1-617-339-13 | PC BOARD, CON PC BOARD, REM | TROL SW OTE CONTROL | | | C207 C208 C209 | 1-123-661-00 1-161-494-00 1-123-611-00 | CERAMIC | 100MF 0.022MF 1MF | 20% 30% 20% | 6.3V 25V 50V |
| 919 920 921 | *1-617-340-11 *1-617-341-11 *1-617-342-11 | PC BOARD, TRA PC BOARD, TRA | NSISTOR 1 NSISTOR 2 | | | C210 C211 C212 | 1-123-611-00 1-123-611-00 1-136-165-00 | ELECT | 1MF 1MF 0.1MF | 20% 20% 5% | 50V 50V 50V |
| 922 923 924 | *1-617-343-11 | PC BOARD, POW | ER SW OVERALL ASS | | TRIDGE | C213 C214 C215 | 1-162-306-31 1-123-617-00 1-162-294-31 | ELECT | 0.01MF 10MF 0.001MF | 30% 20% 10% | 16 V 16 V 50 V |
| 925 926 | *A-4619-281-A | MOUNTED PCB, PC BOARD ASSY | SERVO | NOL. | | C216 C217 C218 | 1-162-306-31 1-123-611-00 1-123-611-00 | ELECT | 0.01MF 1MF 1MF | 30% 20% 20% | 16 V 50 V 50 V |
| C101 C102 C103 | 1-124-480-11 1-124-480-11 1-124-480-11 | ELECT | 470MF 470MF 470MF | 20% 20% 20% | 25V 25V 25V | C219 C220 C221 | 1-161-494-00 1-162-306-31 1-123-616-91 | CERAMIC | 0.022MF 0.01MF 4.7MF | 30% 30% 20% | 25 V 16 V 25 V |
| C104 C105 C106 | 1-124-480-11 1-123-619-00 1-123-619-00 | ELECT | 470MF 4.7MF 4.7MF | 20% 20% 20% | 25V 50V 50V | C301 C302 | 1-162-306-31 1-162-306-31 | | 0.01MF 0.01MF | 30% 30% | 16V 16V |
| C107 C108 C109 | 1-123-661-00 1-123-661-00 1-162-306-31 | ELECT ELECT | 100MF 100MF 0.01MF | 20% 20% 30% | 6.3V 6.3V 16V | CP202 | 1-232-881-11 1-232-946-11 1-232-947-11 | COMPOSITION | CIRCUIT B | LOCK | |
| C110 C111 C112 | 1-162-302-31 1-123-661-00 | CERAMIC ELECT | 0.0022MF 100MF 0.01MF | 30% 20% 30% | 16V 6.3V 16V | D101 D102 D103 | 8-719-200-02 8-719-200-02 8-719-200-02 | DIODE 10E-2 | | | |
| C113 C114 C115 | 1-136-165-00 1-162-211-31 1-162-211-31 | FILM CERAMIC | 0.1MF 33PF 33PF | 5% 5% 5% | 50V 50V 50V | D104 D105 D106 | 8-719-101-67 | DIODE RD7.5E DIODE RD7.5E | | | |
| C116 C117 C118 | 1-123-661-00 1-162-306-31 1-162-306-31 | ELECT CERAMIC | 100MF 0.01MF 0.01MF | 20% 30% 30% | 6.3V 16V 16V | D107 D108 D201 D202 | 8-719-000-12 8-719-000-12 8-719-911-19 8-719-911-19 | DIODE MC931 | | | |
| | | | | | | | | | | | |

ELECTRICAL PARTS

| Ref.No. | Part No. | Description |
|----------------------|---|--|
| D203 | 8-719-911-19 | DIODE 1SS119 |
| D204 | 8-719-911-19 | DIODE 1SS119 |
| D205 | 8-719-911-19 | DIODE 1SS119 |
| D206 | 8-719-911-19 | DIODE 1SS119 |
| D301 | 8-719-906-58 | DIODE GL-5HD21 |
| D302 | 8-719-907-36 | DIODE GL-5EG22 |
| D303 | 8-719-906-58 | DIODE GL-5HD21 |
| D304 | 8-719-907-36 | DIODE GL-5EG22 |
| D305 | 8-719-906-58 | DIODE GL-5HD21 |
| H101 | 8-719-920-37 | ELEMENT, HALL HW-300B |
| H102 | 8-719-920-37 | ELEMENT, HALL HW-300B |
| IC102 | 8-759-802-00 | IC TC9142P IC M5218L IC LM6402G-575 IC M5218P |
| J301 J302 J303 | *1-560-280-00 *1-560-039-00 *1-560-039-00 | CONNECTOR PIN 3P (SYNC) PIN, CONNECTOR (CONTROL S IN) PIN, CONNECTOR (CONTROL S OUT) |
| L101 | 1-410-033-11 | MICRO INDUCTOR 100UH |
| L201 | 1-410-033-11 | MICRO INDUCTOR 100UH |
| L301 | 1-422-162-11 | COIL |
| M301 | A-4608-291-A | MOTOR ASSY |
| PH101 | 8-719-411-28 | DIODE ON1128 |
| PL301 | 1-518-169-XX | LAMP, PILOT |
| PS101 PS102 | | LINK, IC LINK, IC |
| Q101 | 8-729-400-81 | TRANSISTOR 2SD1266-Q |
| Q102 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q103 | 8-729-400-10 | TRANSISTOR 2SB941-R |
| Q104 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q105 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q106 | 8-729-400-81 | TRANSISTOR 2SD1266-Q |
| Q107 Q108 Q109 | 8-729-802-34 8-729-802-34 8-729-802-34 | TRANSISTOR 2SD1388 TRANSISTOR 2SD1388 TRANSISTOR 2SD1388 |
| Q110 Q111 Q112 | 8-729-802-34 8-729-802-22 8-729-802-22 | TRANSISTOR 2SD1388 TRANSISTOR 2SB1014 TRANSISTOR 2SB1014 |
| Q113 | 8-729-802-22 | TRANSISTOR 2SB1014 |
| Q114 | 8-729-802-22 | TRANSISTOR 2SB1014 |
| Q115 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q116 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q117 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q118 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q119 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q201 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q202 | 8-729-900-85 | TRANSISTOR DTC144WS |
| Q203 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q204 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q205 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q206 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| Q207 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q208 | 8-729-900-61 | TRANSISTOR DTA114ES |
| 0209 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| 0210 | 8-729-606-33 | TRANSISTOR 2SC2603-F |
| 0211 | 8-729-802-34 | TRANSISTOR 2SD1388 |

ELECTRICAL PARTS

| Ref.No | . Part No. | | Description | 1 | | | |
|------------------------------|--|----------|--|--------------------------|----------------|--------------------------|---|
| Q212 Q213 Q214 | 8-729-802-2 8-729-900-6 8-729-802-2 | 54 | TRANSISTOR TRANSISTOR TRANSISTOR | DTA124 | ES - | | |
| Q301 Q302 | 8-729-101-0 8-729-101-0 | | TRANSISTOR TRANSISTOR | | | | |
| R101 R102 R103 R104 | 1-247-836-0 1-247-837-0 1-247-811-0 1-247-811-0 | 00 00 | CARBON CARBON CARBON CARBON | 1.6 1.8 150 150 | | 1/6 1/6 1/6 1/6 | W |
| R105 R106 R107 | 1-247-783-00 1-217-395-00 1-247-879-00 | Fl | ARBON JSIBLE ARBON | 10 47 100K | 5% 5% 5% | 1/6W 1/4W 1/6W | F |
| R108 R109 R110 | 1-247-807-00 1-247-893-00 1-247-893-00 | CA | ARBON ARBON ARBON | 100 390K 390K | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R111 R112 R113 | 1-249-437-11 1-249-433-11 1-247-807-00 | CA | ARBON ARBON ARBON | 47K 22K 100 | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R114 R115 R116 | 1-247-807-00 1-247-845-00 1-247-825-00 | C/ | ARBON ARBON ARBON | 100 3.9K 560 | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R117 R118 R119 | 1-247-887-00 1-247-825-00 1-249-419-11 | C/ | ARBON ARBON ARBON | 220K 560 1.5K | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R120 R121 R122 | 1-247-845-00 1-247-807-00 1-247-831-00 | CA | ARBON ARBON ARBON | 3.9K 100 1K | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R123 R124 R125 | 1-247-815-00 1-247-815-00 1-247-815-00 | CA | ARBON ARBON ARBON | 220 220 220 | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R126 R127 R128 | 1-247-815-00 1-247-815-00 1-247-815-00 | CA | ARBON ARBON ARBON | 220 220 220 | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R129 R130 R131 | 1-247-815-00 1-247-815-00 1-247-831-00 | CA | ARBON ARBON ARBON | 220 220 1K | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R132 R133 R134 | 1-247-831-00 1-247-831-00 1-247-815-00 | CA | ARBON ARBON ARBON | 1K 1K 220 | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R135 R136 R140 | 1-247-823-00 1-247-823-00 1-247-823-00 | CA | RBON RBON RBON | 470 470 470 | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R201 R202 R203 | 1-249-433-11 1-249-433-11 1-249-429-11 | CA | RBON RBON RBON | 22K 22K 10K | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R204 R205 R206 | 1-249-421-11 1-247-903-00 1-247-849-00 | CA | RBON RBON RBON | 2.2K 1M 5.6K | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R207 R208 R209 | 1-247-825-00 1-247-815-00 1-247-825-00 | CA | RBON RBON RBON | 560 220 560 | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R211 | 1-247-815-00 1-249-433-11 1-249-433-11 | СA | RBON RBON RBON | 220 22K 22K | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| R214 | 1-249-429-11 1-249-433-11 1-249-429-11 | CA | RBON RBON RBON | 10K 22K 10K | 5% 5% 5% | 1/6W 1/6W 1/6W | |
| | | | | | | | |

ELECTRICAL PARTS

| Ref.No. | Part No. | Description | | | | . [|
|----------------------|--|---|-------|----|--------------------------------|-----|
| R216 | 1-249-433-11 | CARBON | 22K | 5% | 1/6W | |
| R217 | 1-249-433-11 | CARBON | 22K | 5% | 1/6W | |
| R218 | 1-247-849-00 | CARBON | 5.6K | 5% | 1/6W | |
| R219 | 1-247-851-00 | CARBON | 6.8K | 5% | 1/6W | |
| R220 | 1-249-433-11 | CARBON | 22K | 5% | 1/6W | |
| R221 | 1-247-849-00 | CARBON | 5.6K | 5% | 1/6W | |
| R222 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W | |
| R223 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W | |
| R224 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W | |
| R225 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W | • |
| R226 | 1-247-857-00 | CARBON | 12K | 5% | 1/6W | |
| R227 | 1-249-432-11 | CARBON | 18K | 5% | 1/6W | |
| R228 | 1-247-783-00 | CARBON | 10 | 5% | 1/6W | |
| R229 | 1-249-433-11 | CARBON | 22K | 5% | 1/6W | |
| R230 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/6W | |
| R231 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/6W | |
| R232 | 1-249-437-11 | CARBON | 47K | 5% | 1/6W | |
| R233 | 1-247-887-00 | CARBON | 220K | 5% | 1/6W | |
| R234 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | |
| R235 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W | |
| R236 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/6W | |
| R237 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W | |
| R238 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W | |
| R239 | 1-247-887-00 | CARBON | 220K | 5% | 1/6W | |
| R240 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W | |
| R241 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W | |
| R242 | 1-247-815-00 | CARBON | 220 | 5% | 1/6W | |
| R243 | 1-247-887-00 | CARBON | 220K | 5% | 1/6W | |
| R244 | 1-247-887-00 | CARBON | 220K | 5% | 1/6W | |
| R245 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/6W | |
| R246 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W | |
| R247 | 1-247-903-00 | CARBON | 1M | 5% | 1/6W | |
| R248 | 1-247-883-00 | CARBON | 150K | 5% | 1/6W | |
| R249 | 1-247-875-00 | CARBON | 68K | 5% | 1/6W | |
| R250 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W | |
| R251 | 1-247-903-00 | CARBON | 1M | 5% | 1/6W | |
| R252 | 1-247-815-00 | CARBON | 220 | 5% | 1/6W | |
| R253 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | |
| R254 | 1-247-773-00 | CARBON | 3.9 | 5% | 1/6W | |
| R302 | 1-247-825-00 | CARBON | 560 | 5% | 1/6W | |
| RY201 | 1-515-519-00 | RELAY | | | | |
| S301 S302 S303 | 1-570-282-11 1-570-282-11 1-570-282-11 | SWITCH, KEY I SWITCH, KEY I SWITCH, KEY I | BOARD | | 'STOP) RANSPORT RANSPORT | |

| | ELEC | TRICAL PARTS |
|----------------------------------|--|---|
| <u>R</u> ef. <u>N</u> o. | Part No. | Description |
| \$304 \$305 \$306 | 1-570-282 1-570-282 1-570-282 | -11 SWITCH, KEY BOARD (REPEAT) |
| \$307 \$308 \$901 <u>A</u> | 1-570-043 1-554-817 .1-570-047 | -11 SWITCH |
| | 1-447-516 1-447-517 | |
| X101 X201 | 1-527-380 1-567-192 | - · · · · · · · · · · · · · · · · · · · |
| | | |
| | | |
| | | |
| ACC | ESSORY & P | ACKING MATERIAL |
| | t No. | Description |
| 1-5 | 57-109-21 58-233-11 26-565-12 | CORD, CONNECTION CORD (WITH CONNECTOR) (E)AC PLUG ADAPTOR |
| 3-7 | 32-616-00 01-630-00 01-634-00 | BAG, POLYETHYLENE BAG, POLYETHYLENE BAG, POLYETHYLENE |
| | 60-844-11 60-844-41 | (AEP,UK,E)MANUAL, INSTRUCTION (AEP)MANUAL, INSTRUCTION |
| 4-8 | 883-723-01 885-168-00 885-784-00 | SHEET, TURNTABLE ADAPTOR, 45 HOLDER, TURNTABLE |
| 4-9 | 885-792-00 912-010-01 912-183-01 | PLUG IN SEAL (A) SCREW, TRANSPORT PILLOW, ARM |
| | 912-184-01 912-185-01 | CUSHION (LEFT) CUSHION (RIGHT) |
| 4-9 | 12-195-01 | PROTECTOR |
| | 013-315-01 013-315-11 | (AEP,UK)INDIVIDUAL CARTON (E)INDIVIDUAL CARTON |
| 4-9 | 913-320-01 913-322-01 913-323-01 | (AEP)LABEL, MODEL NUMBER (UK)LABEL, MODEL NUMBER (E)LABEL, MODEL NUMBER |

4-913-324-01 (E)....LABEL, VOLTAGE

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.